

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1 – 56 (Cancelled)

57. (Currently Amended) Method for managing sessions, comprising the steps of:

in response to an init-session request,

determining compliance of said init-session request with at least one general policy rule
and denying said init-session request when detecting non-compliance of said init-session request
with said at least one general policy rule; otherwise

determining compliance of said init-session request with at least one network policy rule
and denying said init-session request when detecting non-compliance of said init-session request
with said at least one network policy rule; otherwise

determining compliance of said init-session request with at least one bandwidth usage
policy rule and denying said init-session request when detecting non-compliance of said init-
session request with said at least one bandwidth usage policy rule; otherwise

detecting whether said init-session request requires channels and bandwidth resources
which are greater than available channels and bandwidth resources and denying said init-session
request when detecting that said init-session request requires channels and bandwidth resources
which are greater than the available channels and bandwidth resources; otherwise

authorizing said init-session request.

58 - 64. (Cancelled)

65. (Previously Presented) The method according to claim 57, further comprising the step of
assigning at least one channel and bandwidth within said at least one channel to said init-session
request when said init-session request is not denied.

66. (Original) The method according to claim 65, further comprising the step of launching a session associated with said init-session request.

67. (Original) The method according to claim 66, wherein said step of launching comprises the sub procedures of:

- operating an input module receiving said session, according to approved session information;

- operating a switching module switching said session, according to approved session information;

- operating at least one output module through which said session is to be directed, according to approved session information.

68. (Cancelled)

69. (Currently Amended) A method for managing sessions at a shared area level, comprising:

- determining whether or not denying an init-session request complies with at least one shared area session policy rule, and, if not denying when detecting non-compliance of said init-session request with at least one shared area session policy rule; otherwise

- determining if the bandwidth requirement of the session associated with said init session request, is no greater than the available bandwidth within channels of said shared area;

- detecting an additional channel to be assigned to said shared area when said bandwidth requirement are greater than the available bandwidth within said channels of said shared area;
- and

- denying an init-session request when said additional channel can not be detected or when said additional channel can not be added to said shared area.

70. (Original) The method according to claim 69, further comprising the step of assigning an optimal channel to said shared area, from channels of said shared area network.

71. (Original) The method according to claim 70, further comprising the steps of:

- providing session parameters to a channel manager operating said assigned channel;

detecting a channel readiness information provided by said channel manager; and
denying said session when said channel readiness information includes a channel non-readiness indication; and

approving said session when said channel readiness information includes a channel readiness indication.

72. (Currently Amended) Method for dynamic network restructuring, comprising the steps of:

in response to an init-session request,

determining if a bandwidth requirement of a session associated with said init-session request is greater than available bandwidth within a shared area and denying an said init-session request when the bandwidth requirement of a the session associated with said init-session request, is greater than the available bandwidth within said shared area; and

determining if a channel equipment requirement of said session is unavailable within said shared area and denying said init-session request when the channel equipment requirement of said session, is unavailable within said shared area; otherwise

allocating channel and bandwidth for said session.

73. (Cancelled)

74. (Original) The method according to claim 71, further comprising the step of denying said init-session request when the RF equipment requirement of said session, is unavailable RF equipment within said shared area.

75. (Original) The method according to claim 74, further comprising the step of determining an RF route for said session.

76. (Original) The method according to claim 74, wherein said step of determining said RF route for said session is performed by hardware switching.

77 – 97 (Cancelled)